

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION**

ORDER NO. 90-157

UPDATING WASTE DISCHARGE REQUIREMENTS FOR:

**EAST BAY REGIONAL PARK DISTRICT, DEL VALLE REGIONAL PARK,
LIVERMORE, ALAMEDA COUNTY**

The California Regional Water Quality Control Board, San Francisco Bay Region (hereinafter the Board) finds that:

1. East Bay Regional Park District (hereinafter Discharger) operates Del Valle Regional Park, which is located 9 miles south of the City of Livermore. The park is a popular year-round recreational area for over 500,000 day users and overnight campers annually.
2. In 1972, the prior management agency - California Department of Parks and Recreation - proposed a system of pump stations, a holding tank and two evaporation ponds to serve the park's wastewater management needs. It also stated that no effluent would be discharged to surface waters or groundwaters.
3. On February 27, 1973, the Board adopted Order No. 73-8 prescribing waste discharge requirements.
4. In the mid 1970's, management and ownership of the park switched from California Department of Parks and Recreation to East Bay Regional Park District.
5. In 1975, the Discharger constructed a system of pump stations and two Hypalon-lined ponds with a design maximum flow capacity of 0.04 mgd and an annual treatment and evaporation capacity of 4.8 mg. Facilities were also provided to divert storm water runoff from uphill areas.
6. The Board reviewed Order No. 73-8 in 1985. It found the Order still applicable for the Discharger and, therefore, no changes were made.
7. There are no flow data available but flows are apparently well within the facility's design capacity.

8. The Board adopted a revised Water Quality Control Plan for the San Francisco Bay Basin (Basin Plan) on December 17, 1986. The Basin Plan contains water quality objectives for Del Valle Reservoir, tributary streams and the Livermore Valley Groundwater Basin.
9. Lake Del Valle serves as a flood control device and as a drinking water storage area linked to the South Bay Aqueduct.
10. The beneficial uses of Lake Del Valle and contiguous surface waters include:
 - Municipal and domestic supply
 - Warm and cold freshwater habitat
 - Wildlife habitat
 - Fish spawning
 - Water contact recreation
11. The beneficial uses of groundwater in the Livermore Valley Groundwater Basin include:
 - Municipal supply
 - Industrial process water and service supply
 - Agricultural supply
12. The Basin Plan discourages wastewater discharges that could affect the Livermore Valley Groundwater Basin, as the Board is concerned with nitrogen and total dissolved solids loadings from waste discharges in this closed groundwater basin. The Discharger's evaporation ponds are located near the Livermore Valley Groundwater Basin but the Discharger's waste discharge system pre-dates this policy.
13. This project involves the operation of existing publicly-owned sewage treatment and disposal facilities with no expansion of use beyond that previously existing and as such is exempt from the provisions of the California Environmental Quality Act (CEQA) in accordance with Title 14, California Administrative Code, Chapter 3, Section 15301.
14. The Discharger and interested parties have been notified of the Board's intent to update requirements for the Discharger and have been provided with the opportunity to submit their comments.
15. The Board, at a public meeting, heard and considered all comments pertaining to this discharge.

IT IS HEREBY ORDERED that the Discharger, in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, shall comply with the following:

A. Prohibitions

1. Waste disposal shall not create a nuisance as defined in Section 13050(m) of the California Water Code.
2. Bypass or overflow of sewage from the collection system or evaporation ponds is prohibited.
3. Sewage collection and disposal shall not degrade the quality of groundwater.

B. Specifications

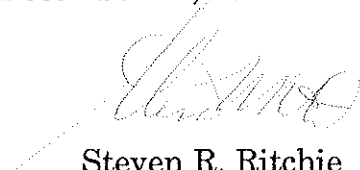
1. To prevent threat of overflows, a minimum freeboard of 2 feet shall be maintained in each lagoon at all times.
2. The Discharger shall maintain the fence that surrounds the lagoons and adequately post signs prohibiting public access to the wastewater ponds. In addition, the Discharger shall make all necessary provisions to inform the public that the liquid contained therein is sewage and is unfit for human consumption.

C. Provisions

1. The Discharger shall comply with all sections of this Order immediately upon adoption.
2. The Discharge shall comply with the attached Self-Monitoring Program, which may be revised by the Executive Officer.
3. The Discharger shall permit the Regional Board or its authorized representative:
 - a. Entry upon premises in which effluent source is located or in which required records are kept.
 - b. Access to copy any records required to be kept under terms and conditions of this Order.
 - c. Inspection of any monitoring equipment or method required by this Order.
 - d. Sampling of any discharge.

4. The Discharger shall maintain in good working order and operate as efficiently as possible all facilities to achieve compliance with the discharge requirements.
5. The Discharger shall maintain a copy of this Order at the site so that it will be available at all times to personnel operating waste treatment and disposal facilities.
6. The Discharger shall file a report of waste discharge with the Board at least 120 days before making any material change or proposed change in the character, location, or volume of the discharge.
7. In the event of any changes in control or ownership of land or waste discharge facilities presently owned or controlled by the Discharger, the Discharger shall notify the succeeding owner or operator of the existence of this Order by a letter, a copy of which shall be forwarded to this Board.
8. The Board will review this Order periodically and may revise the requirements when necessary.
9. The requirements prescribed by this Order supercede the requirements prescribed by Order No. 73-8. Order No. 73-8 is hereby rescinded.

I, Steven R. Ritchie, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Board, San Francisco Bay Region, on December 12, 1990.



Steven R. Ritchie
Executive Officer

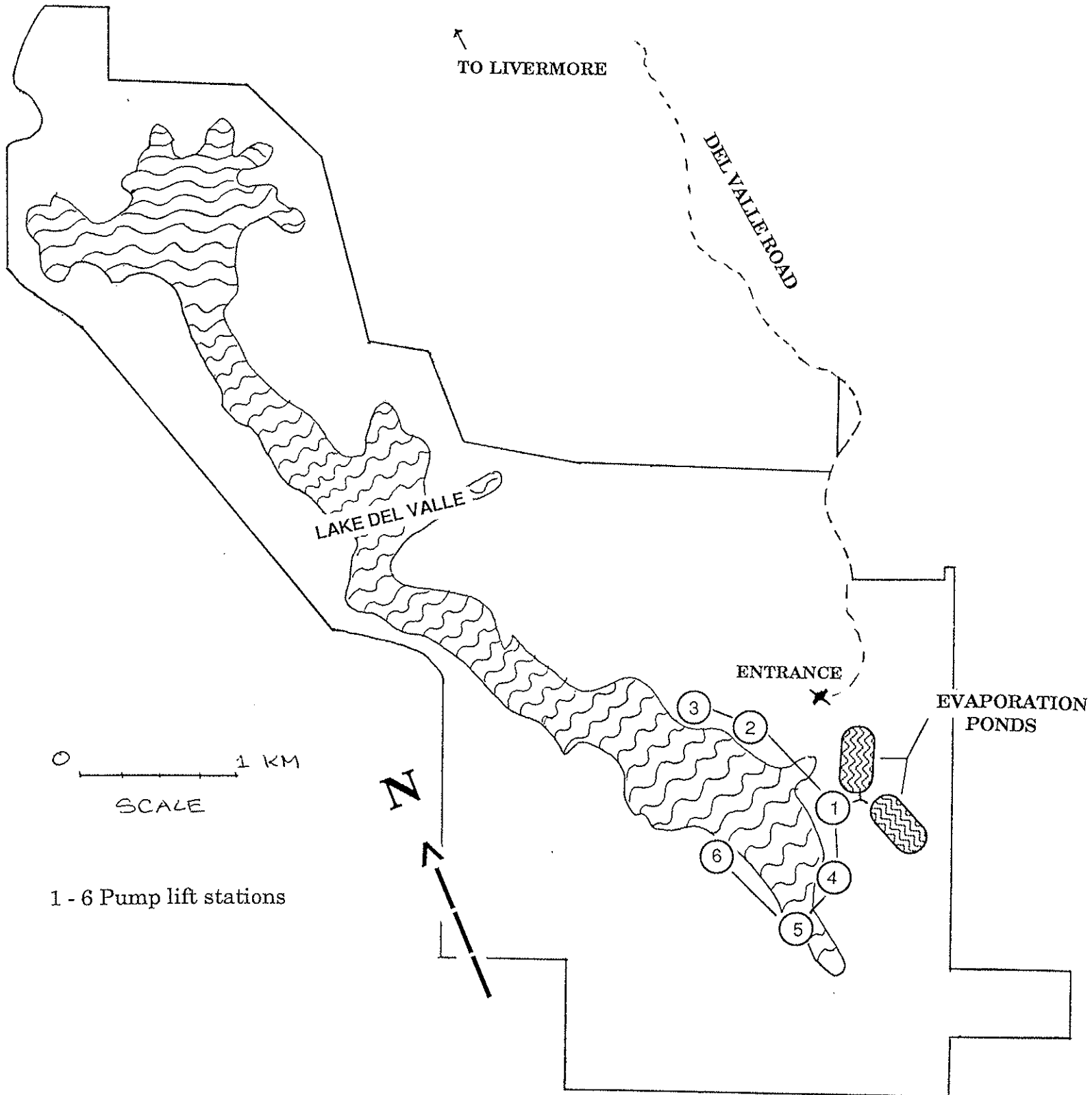
Attachments:

- A. Map
- B. Self Monitoring Program

File No. 2199.9117 (ST)

ATTACHMENT A

LAKE DEL VALLE REGIONAL PARK



ATTACHMENT B

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

SELF-MONITORING PROGRAM

FOR

DEL VALLE REGIONAL PARK

ORDER NO. 90-157

ATTACHMENT B

A. GENERAL

Reporting responsibilities of waste dischargers are specified in Sections 13255(a), 13267(b), 13268, 13383, and 13387(b) of the California Water Code and this Regional Board's Resolution No. 73-16.

The principal purposes of a monitoring program by a waste discharger, also referred to as self-monitoring program, are:

- (1) to document compliance with waste discharge requirements and prohibitions established by this Regional Board,
- (2) to facilitate self-policing of the waste discharge,
- (3) to develop or assist in the development of effluent or other limitations, discharge prohibitions, national standards, and
- (4) to prepare water and wastewater quality inventories.

B. MONITORING PROGRAM

1. Sampling, analysis, and observation shall be performed at the below locations:
 - a. A-1
At any point in the collection system, before the ponds, where all waste tributary to the evaporation ponds is present.
 - b. L-'n'
Located along the perimeter levee of the evaporation ponds at equidistant intervals which shall not exceed 50 feet. (A sketch showing the location of these stations shall accompany each report.)
 - c. P-'n'
Located at the corners and midpoints of the periphery of each pond.
2. Sampling, analysis, and observation shall be performed as follows:
 - a. A-1
Record the weekly flow rate reading.

b. L-'n'

Standard observations shall be performed monthly.

- Determine height of the freeboard at lowest point of dikes confining liquid wastes.
- Odor: presence of absence, characterization, source, and distance of travel.
- Estimated number of waterfowl and other water-associated birds in the disposal area and vicinity.
- Weather conditions: wind-direction and estimated velocity.

c. P-'n'

Dissolved Oxygen shall be sampled twice a month during the period May-September and monthly during the period October-April. Sulfides shall be sampled whenever dissolved oxygen is less than 1 mg/l. Samples shall be taken by grab sample during the morning hours when lowest dissolved oxygen levels are expected. All values shall be reported in mg/l.

C. **REPORTS TO BE FILED WITH THE REGIONAL BOARD**

1. Violation of Requirements:

In the event the Discharger is unable to comply with the conditions of the waste discharge requirements and prohibitions due to:

- (a) maintenance work, power failure, or breakdown of waste treatment equipment, or
- (b) accidents caused by human error or negligence, or
- (c) other causes such as acts of nature,

The Discharger shall notify the Regional Board office by telephone as soon as he or his agents have knowledge of the incident and confirm this notification in writing within two weeks of the telephone notification. The written report shall include pertinent information explaining reasons for the noncompliance and shall indicate what steps were taken to prevent the problems from recurring.

2. Self-Monitoring Reports

Written reports shall be prepared quarterly and shall be **received** by the Regional Board **by the fifteenth day of the month** following the quarter (e.g. January-March report due April 15th). The reports shall be comprised of the following:

(a) Letter of transmittal:

The letter shall include a discussion of requirement violations found during the past quarter and actions taken or planned for correcting violations, such as operation modifications and/or facilities expansion. If the Discharger has previously submitted a detailed time schedule for correcting requirement violations, a reference to the correspondence transmitting such schedule will be satisfactory. The letter shall contain a statement by the official, under penalty or perjury, that to the best of the signer's knowledge the report is true and correct.

(b) Results of Analyses and Observation

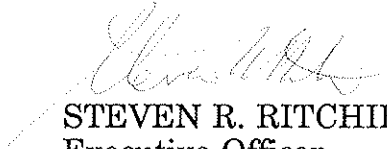
Tabulations of the results from each required analysis and/or observations specified in the Provisions of Part A, Section B by date, time, type of sample, and station.

3. Notification

The Discharger shall promptly notify the Regional Board and the Alameda County Health Department of any wastewater spill or bypassing.

I, Steven R. Ritchie, Executive Officer, do hereby certify that the foregoing Self-Monitoring Program:

1. Has been developed in accordance with the procedure set forth in this Regional Board's Resolution No. 73-16 in order to obtain data and document compliance with waste discharge requirements established in Regional Board Order No. 90-157.
2. Has been ordered by the Executive Officer on December 12, 1990, and becomes effective on the date reclamation commences.
3. May be reviewed at any time subsequent to the effective date upon written notice from the Executive Officer or request from the Discharger and revisions will be ordered by the Executive Officer.


STEVEN R. RITCHIE
Executive Officer